IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kevin G. Jiang
Serial No. :
Filed : Herewith
Title : CARRIER FOR DISK DRIVE HOT SWAPPING

Art Unit :
Examiner :

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the specification:

Replace the paragraph beginning at page 1, line 1 with the following rewritten paragraph:

-- This application is a divisional of U.S. Serial Number 09/264,650, filed March 8, 1999, now pending issue. --

In the claims:

Cancel claims 1-17.

Amend claims 18-20 as follows:

18. (Amended) A method for inserting a disk drive into a peripheral bay chassis comprising:

receiving a disk drive into a base of a disk drive carrier, said base having an uppermost surface and being rotatably attached to a latching mechanism, wherein a lever can rotate between an open position and a closed position, said lever having comprising a lower engagement point and an upper engagement point;

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inserting the carrier into a peripheral bay chassis slot while the lever is in an open position; and

securing the carrier to the peripheral bay chassis by rotating the lever to the closed position to extend the upper engagement point beyond the uppermost surface of the base and engage the peripheral bay chassis with and to extend the lower engagement point [and the upper engagement point] to engage the peripheral bay chassis.

19. (Amended) The method of claim 18 with the additional step of further comprising contacting an adjacent disk drive with at lease one electrically conductive finger clip prior to engagement of a high speed back plane with a disk drive connector.

20. (Amended) The method of claim 18 with the additional step of further comprising depressing a release tab prior to rotating the lever into the closed position and releasing the release tab after engaging the lower engagement point.

Please add new claim 21 as follows:

21. A method for inserting a disk drive into a peripheral bay chassis comprising:

receiving a disk drive into a base of a disk drive carrier, said base having an uppermost surface and being rotatably attached to a latching mechanism, wherein a lever can rotate between an open position and a closed position, said lever comprising a lower engagement point and an upper engagement point;

inserting the carrier into a peripheral bay chassis slot while the lever is in an open position;

depressing a release tab prior to rotating the lever into the closed position;

securing the carrier to the peripheral bay chassis by rotating the lever to the closed position to extend the upper engagement point beyond the uppermost surface of the base and engage the peripheral bay chassis and to extend the lower engagement point to engage the peripheral bay chassis;

releasing the release tab after engaging the lower engagement point; and

contacting an adjacent disk drive with at lease one electrically conductive finger clip prior to engagement of a high speed back plane with a disk drive connector.

REMARKS

Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that all claims be examined.

Respectfully submitted,

Date: 12/3/01

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Version with markings to show changes made

In the claims:

Claims 1-17 have been cancelled.

Claims 18-20 have been amended as follows:

18. (Amended) A method for inserting a disk drive into a peripheral bay chassis comprising:

receiving a disk drive into a base of a disk drive carrier, said base having an uppermost surface and being rotatably attached to a latching mechanism, wherein a lever can rotate between an open position and a closed position, said lever [having] comprising a lower engagement point and an upper engagement point;

inserting the carrier into a peripheral bay chassis slot while the lever is in an open position; and

securing the carrier to the peripheral bay chassis by rotating the lever to the closed position to extend the upper engagement point beyond the uppermost surface of the base and engage the peripheral bay chassis [with] and to extend the lower engagement point [and the upper engagement point] to engage the peripheral bay chassis.

19. (Amended) The method of claim 18 [with the additional step of] further comprising contacting an adjacent disk drive with at lease one electrically conductive finger clip prior to engagement of a high speed back plane with a disk drive connector.

20. (Amended) The method of claim 18 [with the additional step of] further comprising depressing a release tab prior to rotating the lever into the closed position and releasing the release tab after engaging the lower engagement point.